

ROBINAIR

Quickly recover, recycle, evacuate and recharge large-capacity A/C systems



The Robinair 17800C recovers, recycles, evacuates and recharges, multiple refrigerants all in one fast and continuous operation through one hook-up. It's ideal for mass transit vehicles, buses, refrigerated trailers or containers and other applications that use a refrigerant other than R134a and not typically found in mobile applications.

All in one A/C and refrigeration service

- › Recover, recycle, evacuate and recharge R134a, R22, 404A, R407C, MP and HP blends
- › Ideal for vehicles that use more than one refrigerant

Robinair A/C service tools and equipment are sold through distribution partners, resellers and retailers.

Industry-leading efficiency and more accurate service

Features

- › Automatically controls machine functions, leading the user through operations and also notifying when it's time to change the filter drier, and vacuum pump oil
- › Automatically adjusts from liquid to vapor for fast and efficient recovery.
- › Electronic scale makes it simple to recharge to factory specifications; also weighs recovered refrigerant and provides tank overflow protection.
- › 5 cfm vacuum pump is large enough to thoroughly evacuate almost any system; making it ready for recharging.
- › Manual air purge function to remove any non-condensable contaminants.
- › Vacuum leak test function allows user to monitor the system for vacuum decay to determine if a leak exists in the A/C system.
- › Automatic oil drain allows the user to see amount of oil removed from the system being serviced.
- › Heavy-duty filter can handle up to 300 lbs. of refrigerant, effectively removing moisture and acid from the refrigerant.
- › Easy to view 4.3" color graphical display.
- › Maintenance counters to monitor cumulative amounts of refrigerant recovered and charged, as well as other machine operation variables.
- › Optional printer can be added to expand capabilities and provide printed record of service performed.
- › Compatible with R12, R22, R134A, R402A, R402B, R404A, R407A, R407B, R407C, R410A, R500, R502, and R507 refrigerants.

Specifications

Voltage	115VAC, 60Hz (17800C), 230VAC, 50Hz (17800C-230)
Operating Temp Range	50 to 105° F (11 to 41° C)
Recovery rate	Vapor, 0.5 lbs./min and Liquid 1 lbs./min
Vacuum Pump	5.0 cfm at 60 Hz
Hose length	18 ft. (5.5 m)
Recycling filter	300 lbs. refrigerant capacity
Dimensions	47" H x 26" W x 30" D
Certification	UL 1963, UL STANDARD FOR SAFETY REFRIGERANT RECOVERY/RECYCLING EQUIPMENT
Weight	280 lbs. (without tank)

17800C Includes

- › 17800C ACS machine
- › 1 – 50lb general recovery tank
- › 1 – Red tank fill hose
- › 1 – Blue tank fill hose
- › 1 – Yellow tank air purge hose
- › 1 – 18ft Red Service hose, ¼" FFL connector
- › 1 – 18ft Blue service hose, ¼" FFL connector
- › Operators manual
- › Robinair Service Center list

Accessories:

- › 30038 Printer
- › 34214 Printer paper
- › 17990 Dust Cover

Replacement Parts

16214	Calibration Weight
19776	Filter
70133	Hose, LP 1/4-in. Flare
70144	Hose, LP 1/4-in. Flare Blue Service
70143	Hose, LP 1/4-in. Flare Red Service
19103	Oil Drain Bottle
70145	Tank Hose (red)
70146	Tank Hose (blue)
70147	Tank Hose (yellow)
17506	Tank, 50-lb
13119	Vacuum pump Oil (pint)
13203	Vacuum pump Oil (quart)
13204	Vacuum pump Oil (gallon)

Note: Does not meet J2788 standards for automotive passenger vehicles. Cannot be used on refrigerant systems found in Class I – III light-duty passenger vehicles. For mass-transit vehicles and stationary systems using multiple refrigerants only. Not for automotive passenger vehicle systems.

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